



- 3) a dual power system which will operate from 110/220 VAC, as well as deep cycle rechargeable batteries. An on-board generator and fuel system will support 96 hours of continuous generator operation under 3/4 load conditions.

The vehicle will be based on a chassis with heavy-duty transmission and powerful engine, able to easily climb steep grades to hilltop sites, but also cushioning the ride with an air suspension to protect the electronic equipment payload. Adequate storage for supplies, electronic equipment and antennas, classified records, and measurements will be provided. The entire vehicle and payload must weigh less than 26,000 lb, so that it can continue to be driven by non-commercial licensed drivers.

9